TITLE OF INVENTION: AUTOMATIC LIGATURE-CUTTING LIGATION DEVICE

ABSTRACT

An automatic ligature-cutting ligation device is provided. The ligation device includes a handle assembly, including a first handle and a second handle detachably connected to each other; a catheter assembly, an end of the catheter assembly being connected to the first handle; a snare, disposed at another end of the catheter assembly, where a slit is defined in an inner surface of the snare; a ligature, penetrating the first handle and the catheter assembly, where an end of the ligature is connected to the second handle, another end of the ligature has a loop capable of contracting in a forward direction and stopping in a reverse direction, and the loop is pre-mounted in the snare; and a ligature-cutting assembly, disposed in the second handle

FIG. 3